

CLAIMS

1. Detergent tablets of compacted particulate detergent containing surfactant(s), builder(s) and optionally other detergent ingredients, characterized in that the tablets contain
 - 5 a) 0.2 to 10% by weight of one or more nonionic surfactants from the group of alkyl polyglycosides and/or polyhydroxyfatty acid amides and
 - b) up to 15% by weight of one or more nonionic surfactants from the group of alkoxylated alcoholsin a ratio of 10:1 to 1:10.
- 10 2. Detergent tablets as claimed in claim 1, characterized in that the total quantity of nonionic surfactants is 1 to 15% by weight.
3. Detergent tablets as claimed in claim 1 or 2, characterized in that the ratio of nonionic surfactants from the group of alkyl polyglycosides and/or glucamides to nonionic surfactants from the group of alkoxylated alcohols
 - 15 is 2:1 to 1:8, preferably 1:1 to 1:7 and more preferably 1:2 to 1:4.
4. Detergent tablets as claimed in any of claims 1 to 3, characterized in that they contain 0.2 to 0.8% by weight, preferably 0.5 to 5% by weight and more preferably 1 to 3% by weight of one or more nonionic surfactants from the group of alkyl polyglycosides and/or glucamides.
- 20 5. Detergent tablets as claimed in any of claims 1 to 4, characterized in that they contain 1 to 12% by weight, preferably 2.5 to 10% by weight and more preferably 4 to 8% by weight of one or more nonionic surfactants from the group of alkoxylated alcohols.
6. Detergent tablets as claimed in any of claims 1 to 5, characterized in
 - 25 that they contain alkyl polyglycoside(s) with a degree of glycosidation of 1.0 to 4.0, preferably 1.0 to 2.0 and more preferably 1.1 to 1.4 as nonionic surfactant(s) a).
7. Detergent tablets as claimed in any of claims 1 to 6, characterized in that they contain alkyl polyglucoside(s) as nonionic surfactant(s) a).
- 30 8. Detergent tablets as claimed in any of claims 1 to 5, characterized in

that they contain polyhydroxyfatty acid amides corresponding to formula (I):



in which RCO is an aliphatic acyl group containing 6 to 22 carbon atoms, R¹ is hydrogen, an alkyl or hydroxyalkyl group containing 1 to 4 carbon atoms and [Z] is a linear or branched polyhydroxyalkyl group containing 3 to 10 carbon atoms and 3 to 10 hydroxyl groups, as nonionic surfactant(s) a).

9. Detergent tablets as claimed in claim 8, characterized in that a polyhydroxyfatty acid amide corresponding to formula (I), in which RCO is an aliphatic acyl group containing 12 to 18 carbon atoms, R¹ is hydrogen, an alkyl or hydroxyalkyl group containing 1 to 4 carbon atoms and [Z] stands for a glucose, fructose, maltose, lactose, galactose, mannose or xylose unit, is used.

10. Detergent tablets as claimed in claim 8, characterized in that a C₁₂₋₁₈ N-methyl glucamide (R¹ = CH₃, Z = glucose unit in formula I) is used.

20 11. Detergent tablets as claimed in any of claims 1 to 10, characterized in that they contain alkoxylated alcohol(s) derived from C₈₋₂₂ alcohols, preferably from C₈₋₂₀ alcohols and more preferably from C₁₂₋₁₈ alcohols as nonionic surfactant(s) b).

25 12. Detergent tablets as claimed in claim 11, characterized in that they contain ethoxylated alcohols with degrees of ethoxylation of 2.0 to 10, preferably in the range from 5.0 to 8.0 and more preferably in the range from 5.5 to 7.0 as nonionic surfactant(s) b).

30 13. Detergent tablets as claimed in any of claims 1 to 11, characterized in that they contain mixed-alkoxylated, preferably ethoxylated and propoxylated, alcohols as nonionic surfactant(s) b).

14. Detergent tablets as claimed in any of claims 1 to 13, characterized in that they additionally contain a disintegration aid, preferably a cellulose-

based disintegration aid, preferably in granular, co-granulated or compacted form, in quantities of 0.5 to 10% by weight, preferably in quantities of 3 to 7% by weight and more preferably in quantities of 4 to 6% by weight, based on the weight of the tablets.